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 $^{12}\text{C}(^{16}\text{O},\text{p}\gamma)$  [1986Ti02](#)

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Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	M. Shamsuzzoha Basunia		NDS 112, 1875 (2011)	30-Nov-2010

[1986Ti02](#): Target  $^{12}\text{C}$  implanted on tantalum; Projectile:  $^{16}\text{O}$ , E=20 MeV; two Ge(Li) detectors; measured  $E\gamma$ ,  $I\gamma$ , deduced meanlife of levels by the Doppler Shift Method (DSM).

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 $^{27}\text{Al}$  Levels

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E(level) <sup>†</sup>	$T_{1/2}$ <sup>‡</sup>	Comments
0		E(level): From Adopted Levels.
1014.56 9	1.59 ps 10	
2212.01 10	25.8 fs 14	
2734.9 7	6.2 fs 14	
3004.2 8	52 fs 3	
4054.6 5	9 fs 3	
4510.3 5	222 fs 14	
4580.0 8	<9.0 fs	

<sup>†</sup> From Adopted Levels.

<sup>‡</sup> Deduced by the evaluator from reported meanlives in [1986Ti02](#).